

Test your Knowledge

1. When to use String vs. StringBuilder in C# ?

If a string is going to remain constant throughout the program, then use String because a String is immutable.

If a string can change (example: lots of logic and operations in the construction of the string) then StringBuilder

2. What is the base class for all arrays in C#?

The Array class

3. How do you sort an array in C#?

`Array.Sort(arrayName);`

4. What property of an array object can be used to get the total number of elements in an array?

`length`

5. Can you store multiple data types in System.Array?

Not in the same array, each array must only have 1 type.

6. What's the difference between the System.Array.CopyTo() and System.Array.Clone()

The Clone() method returns a new array (a shallow copy) object containing all the elements in the original array. The CopyTo() method copies the elements into another existing array.